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MEMORAND	UM FOR	: Chairman	, EXRAND						•
SUBJECT		• EVDAND (TTT) Imag	ge Manipula	tion & F	nhancer	ment Reno	nt	
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2.	NPIC,			III					·25X
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	b. C	ptical Imag	ge Manipul -	lation (OIM)		٠.		
•	((1) Tech/Ops	- : - Optica	al Filterin	g V	•		•	•
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•		3) Ingenuic					•		
	.((4) Battelle	e - Contra	ast Ennance	ment vie	wer/Pr	inter	₩.	
	c. E	lectronic I	mage Man	ipulation (EIM)		*		
•			•	•		• .		. •	-
•	d. F	lybrid Image	e Manipula	ation (HYAI	MS-)				
3.	CIA/C	ORD	*			•	1		25X
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	⁄a. 0	ORD/Optics D	ivision			:			
	4	(1) Image Er	hancement	t Fauinment			-	•	*
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•				ion Electro	n Beam R	lecorde:	r (EBR) -	- deliver	У
	(lue in Septe	emper 197.	L • .	-				

- (2) Raster Removal

- (3) Spatial Filtering(4) Contrast Enhancement(5) Degradation Compensation

GROUP 1
Excluded from automatic downgrading and

		· ,				
	. (b)	optical mise atmospherical motion				
	(6) Syr	nthetic Aperto	ures	•		
b.	ORD/Ana	alysis Divisi	on			
	(2) Mu	ltiband Clust	echniques, softwa er Analysis (Area to-noise ratio		t)	
) image quali) image edge		·	₹ at	•
	(4) EIN (5)	4 - bandwidth	compression also	Image Data	Compression	25
4. RA	~.~					
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5. NR	d spectra	al reflectance		ted separate	ely at the	25 X
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5. NR 28 July 197 6. Ar	d spectra TSC 1 EXRAND my/TOPOCO	meeting - a	e data. (Input submit significant DIM s	ted separate system is und received.	ely at the	25X 25X
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5. NR 28 July 197 6. Ar 7. Th a. b. c. 8. Co image manip are keyed t agencies. degree of f dination in	TSC 1 EXRAND my/TOPOCO e follow AF SPP AF AL/I DIA/Mr nclusions ulation to specifi However, 1 exibilitation do	meeting - a OM ing agencies being carried ic requirementhe Digital ty and simila	a wide range of e on by the EXRAND ts characteristic Image Manipulatic rity, implying the dutilization.	efforts in the community. con (DIM) System is under the location (DIM) System is under the location (DIM) System need for the location (DIM) System need fo	the field of phot Most of these al reporting tems have a high	25X 25X 25X

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SUBJECT: EXRAND (TTT) Image Manipulation & Enhancement Report

Distribution:

Orig & 1 - Addressee

1 ea.- EXRAND Members

2 - Ch/Tech. Task Team